



LINK ELECTRONICS, INC.

SERIAL DIGITAL DISTRIBUTION AMPLIFIER MODEL LEI-550



MADE IN THE USA



FEATURES

- ◆ Adjustable Output Level
- ◆ Accepts All Standards
- ◆ Serial Digital Input
- ◆ Six Serial Outputs
- ◆ Fault Indication
- ◆ Re-Shaped
- ◆ Equalized

The LINK LEI-550 serial digital video distribution amplifier restores the incoming signal to its proper amplitude. The signal is reshaped with automatic equalization, re-sliced and DC restored. Six outputs are provided on the rear panel.

A module fault LED on the front panel of the unit indicates that the input signal level is below a pre-set threshold.

The LEI-550 accepts composite 143 Mb/s and 177Mb/s, component 270Mb/s, and 16:9 aspect ratio 360Mb/s standards. The signal is transparent to the incoming signal data rate. The output level is adjustable from the front panel.

The 500 series products are compact designed for portable operation or fixed studio use. Any 500 series along with the 700 series will operate in the PRT-700 mounting frame.

MODEL LEI-550 SERIAL DIGITAL DA

SPECIFICATIONS

SERIAL DIGITAL VIDEO INPUT:

Standard: 143Mb/s, SMPTE 259M-C
..... 177Mb/s
..... 270Mb/s
..... 360Mb/s
Impedance: 75Ω
Return Loss: >20dB
Signal Level 800mV±10%, Adjustable
CMR: 30Vp-p, up to 60Hz
Connectors: BNC

SERIAL VIDEO OUTPUTS:

Number of Outputs: 6
Standards: Same as input
Connectors: BNC
Impedance: 75Ω
Return Loss: >15dB
Signal Level: 800mV to 1000mV
DC Offset: 0V±0.5V
Rise & Fall Time: 1nS ±250 ps
Equalization: Automatic up to >30dB
Overshoot: <10% of Amplitude
Through Delay: 10nS

FRONT CONTROLS & INDICATORS:

Power: Green LED
No Signal: Red LED

ENVIRONMENTAL:

Temperature: 0° to 50°C Ambient
Humidity: 10% to 90% non-condensing
Power: 2.5W

DIMENSIONS:

Height: 1 Inch
Width: 5.5 Inches
Depth: 9.25 Inches
Weight: 2 Lbs., 8 Oz.



LEI-550 REAR PANEL



PRT-700 RACK TRAY

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PROFESSIONAL SERIES--

stand-alone system products--by **LINK**